

MANUFACTURING EXTENSION PARTNERSHIP

Success Stories from the Field

Tecton Industries Inc

Iowa Center for Industrial Research and Service

Statistical Process Control Training Generates Results for Tecton Industries, Inc.

Client Profile:

Tecton Industries Inc., located in Spencer, Iowa specializes in high-precision machining and grinding for major manufacturing firms across several industries. The company employs 60 people.

Situation:

Tecton Industries uses data collection and analysis to demonstrate stability and accuracy of their processes, as part of their ISO 9001:2000 Quality Management System. When the company wanted to upgrade the skill level of their trainer and operators, they contacted the Iowa Center for Industrial Research and Service (CIRAS), a NIST MEP network affiliate, to provide the format and background to be used to develop their in-house program for Statistical Process Control (SPC).

Solution:

CIRAS reviewed the companies current approach and provided recommendations for improvement. CIRAS worked with Tecton staff to deliver the SPC training and assisted in the implementation of SPC.

Results:

- * Realized \$53,000 in cost savings.
- * Reduced defects by 71 percent.
- * Anticipated additional savings of \$18,000.

Testimonial:

"Working with CIRAS helped support our goal of continuous lifelong learning opportunities for our employees."

Bruce Tamisiea, President